Agriculture

THE JOURNAL OF THE MINISTRY OF AGRICULTURE

INDEX

TO VOLUME LX

April 1953 to March 1954

SUBJECT . . pages ii-ix
AUTHOR . . pages x-xii

	Pages
No. 1. APRIL 1953	1–50
No. 2. MAY 1953	51–100
No. 3. JUNE 1953	101–150
No. 4. JULY 1953	151–200
No. 5. AUGUST 1953	201–250
No. 6. SEPTEMBER 1953 ..	251–300
No. 7. OCTOBER 1953	301–350
No. 8. NOVEMBER 1953	351–400
No. 9. DECEMBER 1953	401–450
No. 10. JANUARY 1954	451–502
No. 11. FEBRUARY 1954	503–552
No. 12. MARCH 1954	553–600

LONDON : HER MAJESTY'S STATIONERY OFFICE

1954

VOL. LX

APRIL 1953—MARCH 1954

SUBJECT INDEX

	PAGE
Accent on Productivity:	
Role of Measurement on the Farm	454
Measuring Business Efficiency on the Farm	508
Economic Efficiency on the Farm	553
Accidents (Fatal) in Agriculture, 1949-52: England and Wales	438
Agricultural History:	
English Farmhouse	478
English Rose	121
Farm and Estate under Elizabeth the First	108
Romance of "The Royal"	151
Sir James Caird and the Landed Interest	586
Agricultural Index Numbers 130, 290, 439, 563	
Agricultural Marketing Policy	441
Agricultural Policy:	
Agricultural Marketing Policy	441
Agricultural Policy and its Background	451
Minister's Speech at Bingley	341
Agricultural Statistics—England and Wales	387
Ammonia Gas as a Fertilizer	275
Animal Health: Cobalt and	596
Antibiotics for Animal Feedingstuffs	295
Antibiotics in the Feeding of Livestock	308
Association of Agriculture	421
Australia:	
New U.K. Agricultural Representative in Australia	547
Queensland Sheep Farm	337
Bacon Production from Some Home-grown Foods	206
Bath and West at Bath	142
Beef:	
Beef Stores by Single Suckling	218
Beef Stores in Brecon	401
Hill Farm Project	165
Increased Production in the United Kingdom	14
Suckler Herds in Northumberland	257
Bird Damage to Fruit Tree Buds: Preventing	426
Blindness in Early Cauliflowers	282
Book Reviews:	
Agricultural Arbitrations (*R. C. Walmsley*)	48
Agricultural Notebook (Primrose McConnell) (*Farmer and Stock-Breeder*)	397
Agricultural Research Service (*H.M.S.O.*)	299
Ancient White Cattle of Britain and their Descendants (*G. Kenneth Whitehead*)	547
Animal Nutrition (*D. P. Cuthbertson*)	348
Annual Report of the Forestry Commissioners	298
Antibiotics in Pig Food (*Agricultural Research Council Report Series No. 13*)	300
Ant World (*Derek Wragge Morley*)	349
Application of Cobalt in Agriculture (*Dr. W. M. McKay*)	596
Beekeeping with Twenty Hives (*A. L. Sandeman Allen*)	249
Berkshire (*Ian Yarrow*)	296
British Agricultural Bulletin (*British Council*)	447
British Farming, 1939–49 (*E. H. Whetham*)	147
British Flower Industry Association. Coronation Souvenir Journal	149
British Tractors and Farm Machinery (The Green Book) Vol. II, 1953	97
Bulk Handling of Grain in the U.S.A. (*H.M.S.O.*)	300
Butterfly Farmer (*L. Hugh Newman*)	549
Byways in Lakeland (*William T. Palmer*)	200
Cerne Abbas (*Mary D. Jones*)	549
Changing Wild Life of Britain (*H. L. Edlin*)	500
Commercial Cloche Gardening (*J. H. L. Chase*)	99
Concrete Hay Barns with Pitched Roofs. (B.S. 2072) (*British Standards Institution*).	600
Co-operative Hybrid Maize Tests in European and Mediterranean Countries, 1950. (Compiled by *R. W. Jugenheimer, R. A Silow* and *Y. T. Mao*)	250
Country Folk (*Norman Wymer*)	599
Dairy Produce (*Commonwealth Economic Committee*)	544
Discours Oeconomique of Prudent Choyselat	100
Domesday Geography of Eastern England (*H. C. Darby*)	398
Dry Rot and other Timber Troubles (*W. P. K. Findlay*)	551
Dutch Lights ("*Headland*")	50
East Malling Research Station Annual Report, 1952	298
Economics of Poultry Management (*H. E. Botsford*)	347
Efficient Use of Fertilizers (Edited by *Vladimir Ignatieff*)	500
English Farmhouse (*Martin S. Briggs*)	478
Essentials of Profitable Milk Production (*James Wyllie*)	50
Exmoor (*Laurence Meynell*)	148
Farm Book-keeping (*C. V. Dawe*)	347
Farm Buildings (*E. Gunn*)	98
Farm Dictionary (Compiled by *D. H. Chapman*)	99
Farmer and Stock-Breeder Year Book, 1954	499
Farm Machinery (*C. Culpin*)	47
Farm Management (*James Wyllie*)	597
Farm Mechanization Directory, 1954	502
Farm Workshop (*H. J. Hine*)	499
Four Thousand Million Mouths (Edited by *F. le Gros Clark* and *N. W. Pirie*)	97

Book Reviews—*cont.* PAGE

Fruit and Vegetable Storage and Prepackaging (*Anglo-American Council on Productivity*) 399
Fruit Year Book, 1954 (*Royal Horticultural Society*) 498
General-purpose Farm Buildings. (B.S. 2053) (*British Standards Institution*) 600
Gestation Periods (Technical Communication No. 5) (*Commonwealth Bureau of Animal Breeding and Genetics*) 547
Green Crop Drying (*R. O. Whyte* and *M. L. Yeo*) 47
Guide to the Practical Design of Installations (*British Electrical Development Association*) 299
Hannah Dairy Research Institute Annual Report, March 1953 .. 349
History of the Women's Institute Movement in England and Wales (*Inez Jenkins*) 498
Housing of Pigs (*Daniel S. Soutar*) .. 247
Influence of England on the French Agronomes, 1750–1789 (*André J. Bourde*) 346
Just Your Meat (*Elwyn Jones*) 501
Lancashire's Fair Face (*Jessica Lofthouse*) 199
Landed Interest and the Supply of Food (*Sir James Caird*) 586
Lawnswood Chronicles (*David Gunston*) 548
Law of Agricultural Holdings (*W. S. Scammell*) 596
Les Blés Tendres Cultivés en France (*Pierre Jonard*) 549
Marginal Land in Britain (*W. Ellison*) 46
Milk and Money from Grass (*Myrddin Williams*) 199
Milk Pasteurization: Planning, Plant, Operation and Control (*H. D. Kay, J. R. Cuttell, H. S. Hall, A. T. R. Mattick* and *A. Rowlands* 599
Mountain Birds (*R. A. H. Coombes*) 149
National Institute of Agricultural Botany Journal. Vol. VI, No. 2 .. 348
National Institute of Agricultural Botany 33rd Report and Accounts, 1952 551
New Biology No. 14 (*Penguin Books*) 294
Our Undeveloped World (*L. Dudley Stamp*) 347
Output and Expenses of Agriculture in Some European Countries (*F.A.O.*) 399
Pig Farmer's Veterinary Book (*N. Barron*) 99
Practice and Science of Bread-making (*D. W. Kent-Jones* and *John Rice*) 49
Practice with Science (*Alex Hobson*) 400
Production of Barley for Malting (Monographs on Malt and Malt Products) (*Muntona Ltd.* and *Edward Fison Ltd.*) 552
Prophecy of Famine (*H. J. Massingham* and *Edward Hyams*) 448
Quantock Country (*Berta Lawrence*) 249
Rare and Extinct Birds of Britain (*Ralph Whitlock*) 449

Book Reviews—*cont.* PAGE

Record of Agricultural Policy, 1947-52 (*E. H. Whethan*) 148
Report of the Advisory Committee on Sand and Gravel (*Ministry of Housing and Local Government*) .. 198
Report of the British Council, 1952-53 501
Report of the Working Party on Agricultural Education (*H.M.S.O.*) 540
Research for Plenty (Eight Broadcast Talks) 296
Richmond's Dairy Chemistry (*J. G. Davis* and *F. J. Macdonald*) .. 548
Royal Gardeners (*W. E. Shewell-Cooper*) 146
Sanctuary Planted (*Walter J. C. Murray*) 550
Sand and Water Culture Methods used in the Study of Plant Nutrition (*E. J. Hewitt*) 48
Science and Fruit (Edited by *T. Wallace* and *R. W. Marsh*) .. 397
Science and Practice of Cropping for Meat and Milk (*H. I. Moore*) .. 398
Science in Agriculture (*John W. Paterson*) 49
Scottish Farming in the Eighteenth Century (*James E. Handley*) .. 98
Sea Coast (*J. A. Steers*) 148
See How They Grow (*M. Field, J. Valentine Durden* and *F. Percy Smith*) 350
Society and the Land (*Robert Trow-Smith*) 598
Standard Broccoli Crate (B.S. 2034) (*British Standards Institution*) .. 446
Stock Husbandry (*J. S. Paton Philip*) 597
Supplement to the Catalogue of Lewis's Medical, Scientific and Technical Library 249
Time and Motion on the Farm (*Brian Branston*) 449
Turkey Farming (*Ray Feltwell*) .. 448
Use of Electricity to Increase Soil Temperature (*E. W. Golding*) .. 550
Vineyards in England (Edited by *Edward Hyams*) 449
Weed Control (*Wilfred W. Robbins, Alden S. Crafts* and *Richard N. Raynor*) 297
Wine Growing in England (*George Ordish*) 598
Wiltshire Harvest (*H. H. Bashford*) .. 350
Young Farmers at Gaythorne (*Nancy Martin*) 200
Broadcast Summaries:
Agricultural Marketing Policy .. 441
Broadcast Talks:
Research for Plenty:
No. 6. Nature's Cattle 10
No. 7. How Much is Left in the Sea Larder? 51
No. 8. New Foods for a Crowded World 116
Broccoli Crate: A Standard 446
Brussels Sprouts on the Cotswolds .. 580
Butter and Cheese: World Production of 544
Buyers' Market in Milk 592

Cabbage Root Flies: The Effect of Summer Weather on 87

	PAGE
Caird, Sir James: The Landed Interest and	586
Calves: Making the Most of Autumn	344
Cattle:	
Beef Stores by Single Suckling	218
Beef Stores in Brecon	401
Dairy Farming in Norway	221
Dairying in Lancashire	155
Does it Pay to Feed Concentrates to Dairy Cows?	56
Ear-marking Scheme for Cattle	246
Feeding of Iodinated Protein and Thyroxine to Dairy Cows	564
Fodder Beet for Dairy Cattle	406
Foot-and-Mouth Disease	75
Grazing Without Waste	561
Increased Production of Beef in the United Kingdom	14
Making Better Use of Silage	409
Making the Most of Autumn Calves	344
Precautions on Going out to Grass	594
Self-feeding of Silage	358
Silage for Winter Feeding	458
Steaming Up for Autumn Calving	291
Suckler Herds in Northumberland	257
Cauliflowers: Blindness in Early	282
Cereals:	
Agricultural Marketing Policy	441
Deficiency Payments for Home-grown Cereals of the 1954 Harvest	540
Maize as a Silage Crop in Eastern England	311
Mummy Wheats	286
Nitrogen Top Dressing of Spring Oats	328
Spring Sowing of Winter Cereals	378
Changed Methods in Potato Growing	190
Cheese:	
Lancashire Cheese	193
World Production of Butter and Cheese	544
Chickens for Christmas	143
Chrysanthemums: Delayed Blooming of Midseason and Late-flowering	68
Cobalt and Animal Health	596
Colorado Beetle in England, 1952	138
Commonwealth Agriculture	447
Conferences:	
European Farm Radio. London, July 20–22	254
First National Weed Control Conference. Margate, November 3–5, 1953	537
Management and Mechanization. London, September 30, 1953	391
Scientific Aids to the Food Production Drive. Torquay, April 14, 1953	92
Scientific Aids to the Food Production Drive in Wales. Aberystwyth, October 21, 1953	442
Cotswolds: Brussels Sprouts on the	580
County Reports on the East Coast Sea Floods	30
Crown Lands	112
Cut Flowers for Market	485

	PAGE
Dairying:	
Buyers' Market in Milk	592
Dairy Farming in Norway	221
Dairying in Lancashire	155
Does it Pay to Feed Concentrates to Dairy Cows?	56
Dairying—*contd.*	
Feeding of Iodinated Protein and Thyroxine to Dairy Cows	564
Fodder Beet for Dairy Cattle	406
Lancashire Cheese	193
World Production of Butter and Cheese	544
Deep Litter: Parasitology of	569
Deficiency Payments for Home-grown Cereals of the 1954 Harvest	540
Delayed Blooming of Midseason and Late-flowering Chrysanthemums	68
Devon and the Food Production Drive	92
Diseases and Pests of Animals:	
Cobalt and Animal Health	596
Ear-marking Scheme for Cattle	246
Foot-and-Mouth Disease	75
Myxomatosis of Rabbits	503
Parasitology of Deep Litter	569
Progress in the Control of Swine Fever	473
Sheep Dipping, Showering or Spraying?	80
Swine Fever—Registered Vaccinated Herds Scheme	496
Diseases and Pests of Plants:	
Blindness in Early Cauliflowers	282
Colorado Beetle in England, 1952	138
Effect of Summer Weather on Cabbage Root Flies	87
Farming Against Rabbits	39
Officially Approved Crop Protection Products	42, 241
Power Gassing of Rabbits	383
Preventing Bird Damage to Fruit Tree Buds	426
Problem of the Wheat Bulb Fly	315
Wheat Blossom Midges	294
Does it Pay to Feed Concentrates to Dairy Cows?	56

	PAGE
Early Cauliflower Growing in Gloucestershire	229
Ear-marking Scheme for Cattle	246
East Coast:	
County Reports on the East Coast Sea Floods	20
East Coast Sea Defences	395
East Coast Sea Floods Reclamation	577
Economics:	
Does it Pay to Feed Concentrates to Dairy Cows?	56
Economic Efficiency on the Farm	553
Economy of a Large Hampshire Arable Farm	351
Farming is a Business	540
Higher Farming for Higher Profits	251
Higher Output from Grass	556
Measuring Business Efficiency on the Farm	508
Role of Measurement on the Farm	454
Some Reflections on Present-day Farming Systems	201
Education: Report of the Working Party on Agricultural	540
Effect of Summer Weather on Cabbage Root Flies	87
Electricity on the Farm	591
English Farmhouse	478
English Rose	121
Essex:	
County Report on the East Coast Sea Floods	25

	PAGE
Estate Management:	
Good Estate Management in Lancashire	173
Implement Accommodation and Size of Farm	278
Renaissance of Pig Housing	247
Ventilation and Thermal Insulation of Piggeries	210
Farm and Estate under Elizabeth the First	108
Farming Affairs	49, 92, 142, 193, 242, 290, 341, 441, 491, 540, 591
Farming Against Rabbits	39
Farming Cameo:	
29. Martley and Tenbury, Worcestershire	45
30. The Lias Clay Area in Warwickshire	94
31. Vale of Taunton Deane	145
32. The Fylde	195
33. Wigton, Cumberland	244
34. East Hertfordshire and Barnet	293
35. South Oxfordshire	394
36. Sturminster Newton and Sherborne, Dorset	445
37. Cuckfield, East Sussex	492
38. Southern Radnorshire	541
39. Exeter	593
Farming is a Business	540
Farming Systems: Some Reflections on Present-day	201
Farm Productivity in Pembrokeshire	374
Fatal Accidents in Agriculture, 1949–52: England and Wales	438
Feeding and Feedingstuffs:	
Antibiotics for Animal Feedingstuffs	295
Antibiotics in the Feeding of Livestock	308
Bacon Production from Some Home-grown Foods	206
Chickens for Christmas	143
Does it Pay to Feed Concentrates to Dairy Cows?	56
Feeding of Iodinated Protein and Thyroxine to Dairy Cows	564
Feeding the In-lamb Ewe	493
Fodder Beet for Dairy Cattle	406
Grass from Spring to Autumn	194
Grazing Without Waste	561
Herbage Quality in Silage and Dried Grass	43
Higher Output from Grass	556
Increased Production of Beef in the United Kingdom	14
Kale for Protein	392
Maize as a Silage Crop in Eastern England	311
Making Better Use of Silage	409
Pig Feeding	542
Pigs on Grass	248
Pork Production	355
Poultry on Stubble	243
Precautions on Going out to Grass	594
Quality Hay in the Diet	93
Rape for Sheep	444
Seaweed as a Stockfood	126
Self-feeding of Silage	358
Silage for Winter Feeding	458
Steaming Up for Autumn Calving	291
Sugar Beet Tops for the Winter	345
Unsaleable Potatoes	44
Fertilizers: (see also under *Manures and Manuring*)	
Ammonia Gas as a Fertilizer	275
Fertilizer Placement Experiments on Threshed Peas	34
Grass: Key-crop of the Farm	442
Manuring of Fruit:	
1. Young Trees	463
2. Mature Trees	521
3. Soft Fruit	584
Manuring of Glasshouse Tomatoes	362
Nitrogenous Dressings to Increase Protein in Cereals	95
Nitrogen Top Dressing of Spring Oats	328
Nitrogen Top Dressings of Winter Wheat	233
First National Weed Control Conference	537
Floods:	
County Reports on the East Coast Sea Floods	20
East Coast Sea Defences	395
East Coast Sea Floods Reclamation	577
Flood Disaster in the Netherlands	31
Land from the Sea	525
Treatment of Farm Land Flooded by Sea Water	27
Flower Growing:	
Cut Flowers for Market	485
Delayed Blooming of Midseason and Late-flowering Chrysanthemums	68
English Rose	121
Fodder Beet for Dairy Cattle	406
Foot-and-Mouth Disease	75
Forests: Planning for Wild Life in our	532
From College to Career (University College of Wales)	395
Fruit:	
Manuring of Fruit: 1. Young Trees	463
2. Mature Trees	521
3. Soft Fruit	584
Preventing Bird Damage to Fruit Tree Buds	426
Research at Long Ashton	131
Genetics and the Poultry-keeper	62
Gestation Periods	547
Glass and Glasshouses:	
Delayed Blooming of Midseason and Late-flowering Chrysanthemums	68
Manuring of Glasshouse Tomatoes	362
Uneven-span Glasshouse	290
Good Estate Management in Lancashire	173
Good Marketing of Home-grown Early Potatoes	545
Grass and Grassland:	
First National Weed Control Conference	537
Grass from Spring to Autumn	194
Grazing Without Waste	561
Grass: Key-crop of the Farm	442
Grow the Soil to Grow the Grass	301
Herbage Quality in Silage and Dried Grass	43
Herbage Seeds Mixtures for 1954	434
Higher Output from Grass	556

Grass and Grassland—*cont.*	PAGE
Pigs on Grass	248
Precautions on Going out to Grass	594
Quality Hay in the Diet	93
Role of MCPA in the Improvement of Permanent Pasture	412
Grazing Without Waste	561
Green Farm	491
Grow the Soil to Grow the Grass	301
Hardiness in Hill Sheep	517
Hay in the Diet: Quality	93
Herbage Quality in Silage and Dried Grass	43
Herbage Seeds Mixtures for 1954	434
Higher Farming for Higher Profits	251
Higher Farm Productivity:	
Farm Productivity in Pembrokeshire	374
Smithers Cross Farm	320
Higher Output from Grass	556
Hill and Upland Farming:	
Beef Stores in Brecon	401
Hardiness in Hill Sheep	517
Hill Farm Project	165
Home Wintering of Hill Lambs	513
My Farm in North Lancashire	162
Progeny Testing in the Breeding of Welsh Mountain Sheep	572
Sheep on the Northern Hills	168
Smithers Cross Farm	320
Suckler Herds in Northumberland	257
The Uplands	159
Home Wintering of Hill Lambs	513
Honey: Quality	238
Horticulture:	
Blindness in Early Cauliflowers	282
Brussels Sprouts on the Cotswolds	580
Cut Flowers for Market	485
Delayed Blooming of Midseason and Late-flowering Chrysanthemums	68
Early Cauliflower Growing in Gloucestershire	229
English Rose	121
Horticultural Careers of Nottingham Students	595
Horticulture under Ideal Conditions	184
Manuring of Fruit: 1. Young Trees	463
2. Mature Trees	521
3. Soft Fruit	584
Manuring of Glasshouse Tomatoes	362
Preventing Bird Damage to Fruit Tree Buds	426
Research at Long Ashton	131
Royal Gardens at Windsor	105
Seamer Valley Nursery	482
Standard Broccoli Crate	446
Training for Modern Horticulture	226
Uneven-span Glasshouse	290
How Effective is Farm Radio as an Information Service?	254
Implement Accommodation and Size of Farm	278
Increased Production of Beef in the United Kingdom	14
Jealott's Hill—A Quarter Century	242
Kale for Protein	392
Kent:	
County Report on the East Coast Sea Floods	26
Lambs: Home Wintering of Hill	513
Lancashire:	
Changed Methods in Potato Growing	190
Dairying in Lancashire	155
The Fylde	195
Good Estate Management in Lancashire	173
Hill Farm Project	165
Horticulture under Ideal Conditions	184
Lancashire Cheese	193
My Farm in North Lancashire	162
Pigs on Small Farms	180
Poultry Industry	182
Reclamation of Moss Land in Lancashire	177
Sheep on the Northern Hills	168
The Uplands	159
Land from the Sea	525
Late Storage of Potatoes in England and Wales	466
Lincoln:	
County Reports on the East Coast Sea Floods: Holland, Lincs	23
Lindsey, Lincs	21
Liquid Manure Handling in North Staffs	488
Long Ashton: Research at	131
Long-term World Food Possibilities	545
Machinery:	
Fatal Accidents in Agriculture, 1949-52: England and Wales	438
Implement Accommodation and Size of Farm	278
Men and Machines	391
Power Gassing of Rabbits	383
Maize as a Silage Crop in Eastern England	311
Making Better Use of Silage	409
Making the Most of Autumn Calves	344
Manures and Manuring: (see also under *Fertilizers*)	
Liquid Manure Handling in North Staffs	488
Manuring of Fruit: 1. Young Trees	463
2. Mature Trees	521
3. Soft Fruit	584
Manuring of Glasshouse Tomatoes	362
Marketing:	
Agricultural Marketing Policy	441
Buyers' Market in Milk	592
Good Marketing of Home-grown Early Potatoes	545
Standard Broccoli Crate	446
Measuring Business Efficiency on the Farm	508
Meat:	
Agricultural Marketing Policy	441
Bacon Production from Some Home-grown Foods	206
Beef Stores by Single Suckling	218
Beef Stores in Brecon	401
Hill Farm Project	165

Meat—*cont.*	PAGE
Increased Production of Beef in the United Kingdom	14
Pork Production	355
Suckler Herds in Northumberland	257
Men and Machines	391
Milk:	
Agricultural Marketing Policy	441
Buyers' Market in Milk	592
Dairying in Lancashire	155
Does it Pay to Feed Concentrates to Dairy Cows?	56
Feeding of Iodinated Protein and Thyroxine to Dairy Cows	564
Higher Output from Grass	556
Lancashire Cheese	193
World Production of Butter and Cheese	544
Minister's Speech at Bingley	341
Mummy Wheats	286
Mustard	84
My Farm in North Lancashire	162
Myxomatosis of Rabbits	503
Nature Conservancy	529
Netherlands:	
Flood Disaster in the Netherlands	31
Land from the Sea	525
New Somerset River	368
New U.K. Agricultural Representative in Australia	547
Nitrogenous Dressings to Increase Protein in Cereals	95
Nitrogen Top Dressing of Spring Oats	328
Nitrogen Top Dressings of Winter Wheat	233
Northumberland: Suckler Herds in	257
Norway: Dairy Farming in	221
Nottingham Students: Horticultural Careers of	595
Oats: Nitrogen Top Dressing of Spring	328
Officially Approved Crop Protection Products	42, 241
On Getting Knowledge Over to Farmers	324
Opencast Coal Sites Reclaimed	335
Parasitology of Deep Litter	569
Peas: Fertilizer Placement Experiments on Threshed	34
Pembrokeshire: Farm Productivity in	374
Pigs:	
Bacon Production from Some Home-grown Foods	206
Pig Feeding	542
Pigs on Grass	248
Pigs on Small Farms	180
Pork Production	355
Progress in the Control of Swine Fever	473
Renaissance of Pig Housing	247
Service Crate for Pigs	418
Silage for Winter Feeding	458
Swine Fever—Registered Vaccinated Herds Scheme	496
Ventilation and Thermal Insulation of Piggeries	210
Planning for Wild Life in our Forests	532
Pork Production	355

	PAGE
Potatoes:	
Changed Methods in Potato Growing	190
Good Marketing of Home-grown Early Potatoes	545
Late Storage of Potatoes in England and Wales	466
Unsaleable Potatoes	44
The Potter	73
Poultry:	
Chickens for Christmas	143
Genetics and the Poultry-keeper	62
Green Farm	491
Parasitology of Deep Litter	569
Poultry Industry (of Lancashire)	182
Poultry on Stubble	243
Poultry Stock Improvement Plan	495
Seaweed as a Stockfood	126
Turkey Talk	424
Power Gassing of Rabbits	383
Precautions on Going out to Grass	594
Preventing Bird Damage to Fruit Tree Buds	426
Problem of the Wheat Bulb Fly	315
Progeny Testing in the Breeding of Welsh Mountain Sheep	572
Progress in the Control of Swine Fever	473
Publications:	
Ministry's Publications	137, 289, 440, 590
Quality Hay in the Diet	93
Quality Honey	238
Queensland Sheep Farm	337
Rabbits:	
Farming Against Rabbits	39
Myxomatosis of Rabbits	503
Power Gassing of Rabbits	383
Radio as an Information Service:	254
Rape for Sheep	444
Reclamation:	
East Coast Sea Floods Reclamation	577
Hill Farm Project	165
New Somerset River	368
Opencast Coal Sites Reclaimed	335
Reclamation of Moss Land in Lancashire	177
Treatment of Farmland Flooded by Sea Water	27
Renaissance of Pig Housing	247
Reports:	
Annual Report of the Forestry Commissioners	298
Antibiotics in Pig Food (*Agricultural Research Council Report Series No.* 13)	300
East Malling Research Station Annual Report, 1952	298
Report of the Advisory Committee on Sand and Gravel (*Ministry of Housing and Local Government*)	198
Report of the British Council, 1952-53	501
Report of the Working Party on Agricultural Education	540
Research at Long Ashton	131

PAGE

Research for Plenty*:
No. 6. Nature's Cattle 10
No. 7. How Much is Left in the Sea Larder? 51
No. 8. New Foods for a Crowded World 116
* Nos. 1–5 were published in Vol. 59
Restoration of Sand and Gravel Pits .. 198
Role of MCPA in the Improvement of Permanent Pasture 412
Role of Measurement on the Farm .. 454
Romance of "The Royal" 151
Roofing Trench Silos to Preserve Silage Quality 272
Royal Farming at Windsor 101
Royal Gardens at Windsor 105
Rural Crafts:
The Potter 73

Sand and Gravel Pits: Restoration of .. 198
Seamer Valley Nursery 482
Seaweed as a Stockfood 126
Self-feeding of Silage 358
Service Crate for Pigs 418
Sheep:
Feeding the In-lamb Ewe 493
Hardiness in Hill Sheep 517
Home Wintering of Hill Lambs .. 513
Progeny Testing in the Breeding of Welsh Mountain Sheep 572
Queensland Sheep Farm 337
Rape for Sheep 444
Sheep Dipping, Showering or Spraying? 80
Sheep on the Northern Hills 168
Silage for Winter Feeding 458
Shelter-belts: Wind Erosion and the Value of 263
Silage:
Herbage Quality in Silage and Dried Grass 43
Maize as a Silage Crop in Eastern England 311
Making Better Use of Silage 409
Roofing Trench Silos to Preserve Silage Quality 272
Self-feeding of Silage 358
Silage for Winter Feeding 458
Single Suckling: Beef Stores by .. 218
Sir James Caird and the Landed Interest 586
Sixty per cent plus 42
Smithers Cross Farm 320
Soil:
Grow the Soil to Grow the Grass .. 301
Soil and Food 1
Treatment of Farm Land Flooded by Sea Water 27
Some Reflections on Present-day Farming Systems 201
Somerset River: A New 368
Spring Sowing of Winter Cereals .. 378
Standard Broccoli Crate 446
Statistics:
Agricultural Statistics—England and Wales 387
Fatal Accidents in Agriculture, 1949-52: England and Wales .. 438
From College to Career (University College of Wales) 395

Statistics—*cont.* PAGE
Horticultural Careers of Nottingham Students 595
Steaming Up for Autumn Calving .. 291
Suckler Herds in Northumberland .. 257
Suffolk:
County Report on the East Coast Sea Floods 24
Sugar Beet Tops for the Winter .. 345
Swine Fever: Progress in the Control of 473
Swine Fever—Registered Vaccinated Herds Scheme 496

Tomatoes: The Manuring of Glasshouse 362
Training for Modern Horticulture .. 226
Treatment of Farm Land Flooded by Sea Water 27
Trends in American Agriculture .. 430
This Mild Winter 496
Trees give Shelter 546
Turkey Talk 424

Uneven-span Glasshouse 290
Unsaleable Potatoes 44
The Uplands 159
U.S.A.:
Trends in American Agriculture .. 430

Vegetables:
Blindness in Early Cauliflowers .. 282
Brussels Sprouts on the Cotswolds .. 580
Changed Methods of Potato Growing 190
Early Cauliflower Growing in Gloucestershire 229
Good Marketing of Home-grown Early Potatoes 545
Late Storage of Potatoes in England and Wales 466
Standard Broccoli Crate 446
Unsaleable Potatoes 44
Ventilation and Thermal Insulation of Piggeries 210

Wales:
Beef Stores in Brecon 401
Farm Productivity in Pembrokeshire 374
From College to Career 359
Progeny Testing in the Breeding of Welsh Mountain Sheep 572
Southern Radnorshire 541
Weeds and Weed Control:
First National Weed Control Conference 537
Grass: Key-crop of the Farm .. 442
Officially Approved Crop Protection Products 42, 241
Role of MCPA in the Improvement of Permanent Pasture 412
Wheat:
Deficiency Payments for Home-grown Cereals of the 1954 Harvest .. 540
Mummy Wheats 286
Problem of the Wheat Bulb Fly .. 315
Nitrogen Top Dressings of Winter Wheat 233
Spring Sowing of Winter Cereals .. 378
Wheat Blossom Midges 294

	PAGE
Wild Life in Our Forests: Planning for	532
Wind Erosion and the Value of Shelter-belts	263
Windsor:	
Royal Farming at Windsor	101
Royal Gardens at Windsor	105
Wise Stock Feeding:	
1. Herbage Quality in Silage and Dried Grass	43
2. Unsaleable Potatoes	44
3. Quality Hay in the Diet	93
4. Chickens for Christmas	143
5. Grass from Spring to Autumn ..	194
6. Poultry on Stubble	243
7. Steaming Up for Autumn Calving	291
8. Sugar Beet Tops for the Winter ..	345
9. Kale for Protein	392
10. Rape for Sheep	444
11. Feeding the In-lamb Ewe ..	493
12. Pig Feeding	542
13. Precautions on Going out to Grass	594
World Food Possibilities: Long-term ..	545
World Production of Butter and Cheese	544
Yorkshire:	
County Report on the East Coast Sea Floods	20
Yorkshire Agricultural Society ..	196

VOL. LX

APRIL 1953—MARCH 1954

AUTHOR INDEX

	PAGE
Adamson, A. : Farming Cameo: Vale of Taunton Deane	145
Allen, H. P. and W. Ochiltree : The Role of MCPA in the Improvement of Permanent Pasture	412
Armour, C. J. and Harry V. Thompson: Power Gassing of Rabbits	383
Ashton, W. M. : From College to Career	396
Baker, C. J. L. : Wise Stock Feeding: Chickens for Christmas	143
Poultry on Stubble	243
Bennison, F. J. : Farming Cameo : The Lias Clay Area of Warwickshire	94
Beynon, V. H. : Bacon Production from Some Home-grown Foods	206
Increased Production of Beef in the United Kingdom	14
Black, W. A. P. : Seaweed as a Stock-food	126
Blagburn, C. H. : Measuring Business Efficiency on the Farm	508
Blagburn, C. H. and R. S. Boyer : The Economy of a Large Hampshire Arable Farm	351
Bland, B. F. : Maize as a Silage Crop in Eastern England	311
Blyth, Janet S. S. : Genetics and the Poultry-keeper	62
Bond, J. R. : Making the Most of Autumn Calves	344
Bostock, Joan : The Association of Agriculture	421
Bower, D. C. : County Report on the East Coast Sea Floods: Essex	25
Boyer, R. S. and C. H. Blagburn : The Economy of a Large Hampshire Arable Farm	351
Brown, A. J. : Farming Cameo : Exeter	593
Brown, W. O., Professor J. Morrison and W. A. Stephenson : Roofing Trench Silos to Preserve Silage Quality	272
Burton, W. G. and G. Mann : Late Storage of Potatoes in England and Wales	466
Cameron, D. H. : Farming Cameo : South Oxfordshire	394
Castle, M. E. : Fodder Beet for Dairy Cattle	406
Church, S. L. : Farming Cameo : Southern Radnorshire	540
Claxton, B. A. : Progress in the Control of Swine Fever	473
Coady, J. J. and A. J. B. Ratcliffe : Liquid Manure Handling in North Staffs	488
Cole, G. : East Coast Sea Floods Reclamation	577
Coles, R. : Poultry Stock Improvement Plan	495
Collins, F. C. : Wise Stock Feeding : Sugar Beet Tops for the Winter	345
Cooke, G. W. and C. V. Dadd : Fertilizer Placement Experiments on Threshed Peas	34
Cooper, F. A. : Sheep Dipping, Showering or Spraying?	80
Craddock-Turnbull, J. N. and Professor H. Ian Moore: Silage for Winter Feeding	458
Crompton, E. : Grow the Soil to Grow the Grass	301
Dadd, C. V. and G. W. Cooke : Fertilizer Placement Experiments on Threshed Peas	34
Dalton, W. J. : Farming Cameo : Cuckfield, East Sussex	492
Denman, D. R. : Implement Accommodation and Size of Farm	278
Dermott, W. : The Manuring of Fruit: 1. Young Trees	463
2. Mature Trees	521
3. Soft Fruit	584
Manuring of Glasshouse Tomatoes	362
Dernie, J. H. and D. M. Sims : Good Estate Management in Lancashire	173
Dixey, R. N. : Economic Efficiency on the Farm	553
Doney, J. Mackay : Hardiness in Hill Sheep	517
Duckham, A. N. : The Role of Measurement on the Farm	454
Dugdale, The Rt. Hon. Sir Thomas : Agricultural Policy and its Background	451
Duncan, R. : County Report on the East Coast Sea Floods : Kent	26
Edmunds, Henry : Home Wintering of Hill Lambs	513
Edmunds, H. and R. Glynne Jones : Beef Stores in Brecon	401
Elliott, C. S., H. N. Greenwood and B. C. R. Reiss : Spring Sowing of Winter Cereals	378
English, W. S. : Preventing Bird Damage to Fruit Tree Buds	426
Evans, J. Butt : Smithers Cross Farm	320
Ewan, J. W. : Horticulture under Ideal Conditions	184
Ewan, J. W. and A. H. Fitton : Reclamation of Moss Land in Lancashire	177
Farmer, P. E. : Wise Stock Feeding : Quality Hay in the Diet	93
Featherstone, J. and T. W. Griffiths : Making Better Use of Silage	409
Ferro, R. B. : County Report on the East Coast Sea Floods : East Riding, Yorks	20
Fitton, A. H. : Dairying in Lancashire	155
Fitton, A. H. and J. W. Ewan : Reclamation of Moss Land in Lancashire	177

	PAGE
Fordyce, W. J. S. : Electricity on the Farm	591
Green Farm	491
Turkey Talk	424
Fraser, Allan : Research for Plenty : No. 6. Nature's Cattle	10
Gardner, Frank H. : Mustard	84
Gardner, H. W. : Nitrogenous Dressings to Increase Protein in Cereals	95
Nitrogen Top Dressing of Spring Oats	328
Nitrogen Top Dressings of Winter Wheat	233
Garside, R. : Suckler Herds in Northumberland	257
Gough, H. C. : The Problem of the Wheat Bulb Fly	315
Wheat Blossom Midges	294
Graham, Michael : Research for Plenty : No. 7. How Much is Left in the Sea Larder ?	51
Green, N. K. : The Renaissance of Pig Housing	247
Uneven-span Glasshouse	290
Greenwood, H. N., C. S. Elliott and B. C. R. Reiss : Spring Sowing of Winter Cereals	378
Griffith, T. W. and J. Featherstone : Making Better Use of Silage	409
Haley, M. M. : Lancashire Cheese	193
Hall, J. S.: Some Reflections on Present-day Farming Systems	201
Hamilton, R. A. : Higher Output from Grass	556
Hargrave, J. : The Treatment of Farm Land Flooded by Sea Water	27
Harrison, I. R and I. Thomas : Colorado Beetle in England, 1953	138
Harvey, Nigel : The English Farmhouse	478
Farm and Estate under Elizabeth the First	108
The Nature Conservancy	529
Sir James Caird and the Landed Interest	586
Healey, A. G. : Training for Modern Horticulture	226
Helme, R. W. : Farming Cameo : The Fylde	195
Helme, W. H.: Changed Methods in Potato Growing	190
Hickson, Kenric : The Romance of "The Royal"	151
Hillman, J. A. : Crown Lands	112
Hoare, A. H. : The English Rose	121
Hope, R. : The Uplands	159
Horton-Smith, C. : Parasitology of Deep Litter	569
Howick, S. J. : Seamer Valley Nursery	482
Hunter, F. and G. F. Jarvis : Ammonia Gas as a Fertilizer	275
Hunter, F. : Opencast Coal Sites Reclaimed	335
Hunt, H. C. : How Effective is Farm Radio as an Information Service?	254
Huthnance, S. L. and Eric Rea : Royal Farming at Windsor	101
Ibbett, W. C. and R. C. Twyman : Early Cauliflower Growing in Gloucestershire	229
Ibbotson, Colin F. : Wise Stock Feeding: 1. Herbage Quality in Silage and Dried Grass	43
2. Unsaleable Potatoes	44
Ivins, J. D. : Grazing Without Waste	561
Jarrett, George : A New Somerset River	368
Jarvis, G. F. and F. Hunter : Ammonia Gas as a Fertilizer	275
Jawetz, Michael B. : Does it Pay to Feed Concentrates to Dairy Cows?	56
Jones, R. Glynne, and H. Edmunds : Beef Stores in Brecon	401
Jones, W. Emrys : Farming is a Business	540
Jones, W. H. : Farm Productivity in Pembrokeshire	374
Kay, Professor H. D. : The Feeding of Iodinated Protein and Thyroxine to Dairy Cows	564
Kinsey, C. : Beef Stores by Single Suckling	218
Kippax, Stanley E. : Sheep on the Northern Hills	168
Knee, A. W. : On Getting Knowledge Over to Farmers	324
Knowles, T. E. : The Poultry Industry	182
Lancum, F. Howard : This Mild Winter	496
Lepp, E. : Planning for Wild Life in our Forests	532
Lewis, W. : Wise Stock Feeding : Steaming Up for Autumn Calving	291
Lloyd, J. R. : Wise Stock Feeding : Feeding the In-lamb Ewe	493
Lupton, F. G. H. : Mummy Wheats	286
Lye, T. : Hill Farm Project	165
Mann, A.: County Report on the East Coast Sea Floods : Lindsey, Lincs	21
Mann, E. J. : Dairy Farming in Norway	221
Mann, G. and W. G. Burton : Late Storage of Potatoes in England and Wales	466
Manners, Michael J. : A Service Crate for Pigs	418
Meuwissen, P. G. : The Flood Disaster in the Netherlands	31
Land from the Sea	525
Miles, Mary : The Effect of Summer Weather on Cabbage Root Flies	87
Moore, Professor H. Ian and J. N. Craddock-Turnbull : Silage for Winter Feeding	458
Morrison, Professor J., W. A. Stephenson and W. O. Brown : Roofing Trench Silos to Preserve Silage Quality	272
Naylor, P. A. : Farming Cameo: East Hertfordshire and Barnet	293

	PAGE
Ochiltree, W. and H. P. Allen: The Role of MCPA in the Improvement of Permanent Pasture	412
Ormrod, J. F. : The First National Weed Control Conference	537
Patterson, J. W. : Farming Cameo : Martley and Tenbury, Worcestershire	45
Pirie, N. W. : Research for Plenty : No. 8. New Foods for a Crowded World	116
Quick, C. P.: Restoration of Sand and Gravel Pits	198
Ratcliffe, A. J. B. and J. J. Coady : Liquid Manure Handling in North Staffs	488
Rea, Eric, and S. L. Huthnance : Royal Farming at Windsor	101
Reid, James : Foot-and-Mouth Disease	75
Reiss, B. C. R., H. N. Greenwood and C. S. Elliott : Spring Sowing of Winter Cereals	378
Rickaby, C. D. : Wise Stock Feeding : Pig Feeding	542
Roberts, N. and R. : Progeny Testing in the Breeding of Welsh Mountain Sheep	572
Rogers, J. R. E. : Farming Cameo : Sturminster Newton and Sherborne, Dorset	445
Round, R. C. and G. Soane : Royal Gardens at Windsor	105
Sainsbury, D. W. B. : The Ventilation and Thermal Insulation of Piggeries	210
Scriven, W. A. : County Report on the East Coast Sea Floods: Holland, Lincs	23
Shewell-Cooper, W. E. : Cut Flowers for Market	485
Sims, D. M. and J. H. Dernie : Good Estate Management in Lancashire ..	173
Smith, E. L. : Wise Stock Feeding : Grass from Spring to Autumn ..	194
Smith, F. D. : Farming Against Rabbits	39
Smith, Nancy M. : Blindness in Early Cauliflowers	282
Smith, Walter : Pork Production ..	355
Sneesby, Norman J. : Wind Erosion and the Value of Shelter-belts	263
Soane, G. and R. C. Round : Royal Gardens at Windsor	105
Soden, R. W. : Trees give Shelter ..	546
Steele, F. W. : Farming Cameo : Wigton, Cumberland	244
Stephenson, W. A., Professor J. Morrison and W. O. Brown : Roofing Trench Silos to Preserve Silage Quality ..	272
Taylor, M. Whalley : Trends in American Agriculture	430
Thomas, G. : Wise Stock Feeding : 13. Precautions on Going out to Grass	594
Thomas, I. and I. R. Harrison : Colorado Beetle in England, 1953	138
Thompson, Harry V. : Myxomatosis of Rabbits	503
Thompson, Harry V. and C. J. Armour: Power Gassing of Rabbits	383
Tribe, D. E. : Queensland Sheep Farm	337
Trinder, N. : Wise Stock Feeding : Kale for Protein	392
Rape for Sheep	444
Trist, P. J. O. : County Report on the East Coast Sea Floods : East Suffolk	24
Turner, Charles : Self-feeding of Silage	358
Twyman, R. C. : Brussels Sprouts on the Cotswolds	580
Twyman, R. C. and W. C. Ibbett : Early Cauliflower Growing in Gloucestershire	229
Vince, Daphne : Delayed Blooming of Midseason and Late-flowering Chrysanthemums	68
Wallace, Professor T. : Research at Long Ashton	131
Wallis, E. : Quality Honey	238
Watson, Professor Sir James A. Scott : Higher Farming for Higher Profits ..	251
Soil and Food	1
Whitehouse, G. W. : Pigs on Small Farms	180
White, J. Noel : The Potter	73
Wilkinson, J. M. : My Farm in North Lancashire	162

Wt. 21 3/54 SP/TBH 521